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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

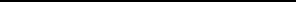
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Sheet 1 of 4

<i>Complete if Known</i>	
Application Number	09/655,109
Filing Date	September 5, 2000
First Named Inventor	Noteborn et al.
Group Art Unit	1632
Examiner Name	J. Woitach
Attorney Docket Number	2906-4995US

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	9/20/05
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Noteborn et al.

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**NON PATENT LITERATURE DOCUMENTS**

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~W		Zhuang et al., Apoptin, a Protein Derived from Chicken Anemia Virus, Induces p53-independent Apoptosis in Human Osteosarcoma Cells, Cancer Res, February 1995, pp. 486-89, Vol. 55, No. 3.	
		Pietersen et al., Specific tumor-cell killing with adenovirus vectors containing the apoptin gene, Gene Therapy, 1999, pp. 882-92, Vol. 6.	
		Bellamy, Christopher O.C., et al., "Cell death in health and disease: the biology and regulation of apoptosis," Seminars in Cancer Biology, vol. 6, pp. 3-16 (1995).	
		Danen-Van Oorschot, A.A.A.M., et al., "Apoptin induces apoptosis in human transformed and malignant cells but not in normal cells." Proc. Natl. Acad. Sci. USA vol. 94, pp. 5843-5847 (May 1997).	
		Danen-van Oorschot, et al., A.A.A.M., "BAG-1 inhibits p53-induced but not apoptin-induced apoptosis," Apoptosis, vol. 2, No. 4, pp 395-402 (1997).	
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		Noteborn, M.H.M., et al., "A Single Chicken Anemia Virus Protein Induces Apoptosis," Journal of Virology, vol. 68, No. 1, pp. 346-351 (Jan. 1994).	
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		Noteborn, Mathieu H.M., et al, "Chicken Anemia Virus Induction of Apoptosis by a Single Protein of a Single-Stranded DNA Virus," Seminars in Virology. vol 8, pp 497-504 (1998).	

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740		Noteborn, Mathieu H.M., et al., "Simultaneous expression of recombinant baculovirus-encoded chicken anaemia virus (CAV) proteins VP1 and VP2 is required for formation of the CAV-specific neutralizing epitope," Journal of General Virology, vol. 79, pp. 3073-3077 (1998).	
		Paulovich, Amanda G., et al., "When Checkpoints Fail," Cell, vol. 88, pp 315-321 (Feb. 7, 1997).	
		Steller Hermann, "Mechanisms and Genes of Cellular Suicide," Science, vol. 267, pp 1445-1449 (Mar. 10, 1995).	
		Teodoro, Jose G., et al., "Regulation of Apoptosis by Viral Gene Products," Journal of Virology, vol. 71, No 3, pp 1739-1746 (Mar. 1997).	
		Thompson, Craig B., "Apoptosis in the Pathogenesis and Treatment of Disease," Science, vol. 267, pp 1456-1462 (Mar. 10, 1995).	
		Strausberg, Robert, "qy85c09.x1 NCI_CGAP_Bm25 Homo sapiens cDNA clone IMAGE:2018800 3', mRNA sequence," Jan. 7, 1999, Accession No. AI360308.	
		Zhao S., "Use of BAC End Sequences from Library RPCI-11 for Sequence-Ready Map building," March 15, 1999, ACCESSION NUMBER AQ382839.	
		Strausberg, Robert, "wd70d04.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2336935 3', mRNA sequence," June 3, 1999, ACCESSION NUMBER AI692778.	
		Benet et al., pp. 3-32, in The Pharmacological Basis of Therapeutics, 8th ed., McGraw-Hill, Inc., New York, 1990.	
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		Jain R.K., Delivery of Molecular Medicine to Solid Tumors, 1996, Science, pp. 1079-1080, Vol. 271.	
		Dermer, Another Anniversary for the War on Cancer, Biotechnology, 1994, pp. 320, Vol. 12.	

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7WJ		Database GenEmbl on GenCore version 4.5, Accession No. AX015082, Oct. 1999.	
		Strausberg R. Database EST on GenCore version 4.5, Accession No. BE746443, Sep. 2000.	
		Danen-Van Oorschot et al., BCL-2 Stimulated Apoptin-induced Apoptosis, pp. 245-249 in Drug Resistance in Leukemia and Lymphoma III, ed. Kaspers et al., Kluwer Academic/Plenum Publishers, New York, 1999.	
		Noteborn et al., Apoptin-induced apoptosis: potential for antitumor therapy, Drug Resistance Updates, 1998, pp. 99-103, Vol. 1.	
		Noteborn et al., Apoptin induces apoptosis in transformed cells specifically: Potentials for an antitumor therapy, Biogenic Amines, 1998, pp. 73-91, Vol. 15, No. 1.	
		Abstract XP-002140967, May 1999.	
		Abstract XP-002140968, May 1995.	
		Abstract XP-002140969, 2000.	
		McDonnell et al., "Implications of apoptotic cell death regulation in cancer therapy," Cancer Biology, 1995, pp. 53-60, vol. 6.	
		Mullersman et al., "The PHD finger: implications for chromatin-mediated transcriptional regulation," TIBS 20, Feb. 1995, pp. 56-59.	
		Jacobson et al., "Modifying chromatin and concepts of cancer," Chromosomes and expression mechanisms, pp. 175-184.	
		Lu et al., "A Novel Gene (PLU-1) Containing Highly Conserved Putative DNA/Chromatin Binding Motifs Is Specifically Up-regulated in Breast Cancer," The Journal of Biological Chemistry, 1999, pp. 15633-15645, Vol. 274, No. 22.	
		Zhuang et al., "Apoptin, a Protein Encoded by Chicken Anemia Virus, Induces Cell Death in Various Human Hematologic Malignant Cells in vitro," Leukemia, vol. 9, Suppl. 1, pp. S118-S120, 1995.	

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FORM PTO-1449 (Modified)  
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Sheet 1 of 2

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In re the application of: Noteborn, *et al.*] Art Unit: 1614

Serial No. 09/655,109] Examiner: Not Yet Assigned

Filed: September 5, 2000

U.S. PATENT DOCUMENTS

Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document <u>Number</u>	Date	Name	Class/ Subclass	Filing <u>Date</u>
A1		5,491,073	2/13/1996	Noteborn and deBoer	435/69.1	9/11/1991

FOREIGN PATENT DOCUMENTS

Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document <u>Number</u>	Date	Country	Class/ Subclass	Filing Date
B1	90	WO 96/41191	12/19/1996	PCT		6/7/1996
B2		WO 98/46760	10/22/1998	PCT		4/15/1998
B3		WO 99/08108	2/18/1999	PCT		8/11/1998

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document
C1	90	Danen-Van Oorschot, <i>et al.</i> (1997) "Apoptin induces apoptosis in human transformed and malignant cells but not in normal cells." <i>Proc Natl Acad Sci, USA</i> : 94, 5843-5847.
C2		Danen-Van Oorschot, <i>et al.</i> (1997) "BAG-1 inhibits p53-induced but not apoptin-induced apoptosis." <i>Apoptosis</i> 2, 395-402.
C3		Garcia, <i>et al.</i> (1999) "RYBP, a new repressor protein that interacts with components of the mammalian polycomb complex, and with the transcription factor YY1." <i>EMBO J</i> 18,

Examiner:

Date Considered:

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Sheet 2 of 2

In re the application of: Noteborn, *et al.*] Art Unit: 1614

Serial No. 09/655,109] Examiner: Not Yet Assigned

Filed: September 5, 2000

- C4      *Two*      3404-3418.  
Kerr, *et al.* (1994) "Apoptosis: Its significance in cancer and cancer therapy." *Cancer* 73, 2013-2026.  
C5      Levine, A.J. (1997) "p53, the cellular gatekeeper for growth and division." *Cell* 88, 323-331.  
C6      Noteborn, *et al.* (1991) "Characterization of cloned chicken anemia virus DNA that contains all elements for the infectious replication cycle." *J Virol* 65, 3131-3139.  
C7      Noteborn, *et al.* (1994) "A single chicken anemia virus protein induces apoptosis." *J Virol* 68, 346-351.  
C8      Noteborn, *et al.* (1998) "Chicken anemia virus: Induction of apoptosis by a single protein of a single-stranded DNA virus." *Seminars in Virology* 8, 497-504.  
C9      Paulovich, *et al.* (1997) "When checkpoints fail." *Cell* 88, 315-321.  
C10     Pietersen *et al.* (1999) "Specific tumor-cell killing with adenovirus vectors containing the Apoptin gene." *Gene Therapy* 6, 882-892.  
C11     Zhuang, *et al.* (1995) "Apoptin, a protein derived from chicken anemia virus, induces a p53-independent apoptosis in human osteosarcoma cells." *Cancer Research* 55, 486-489.

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